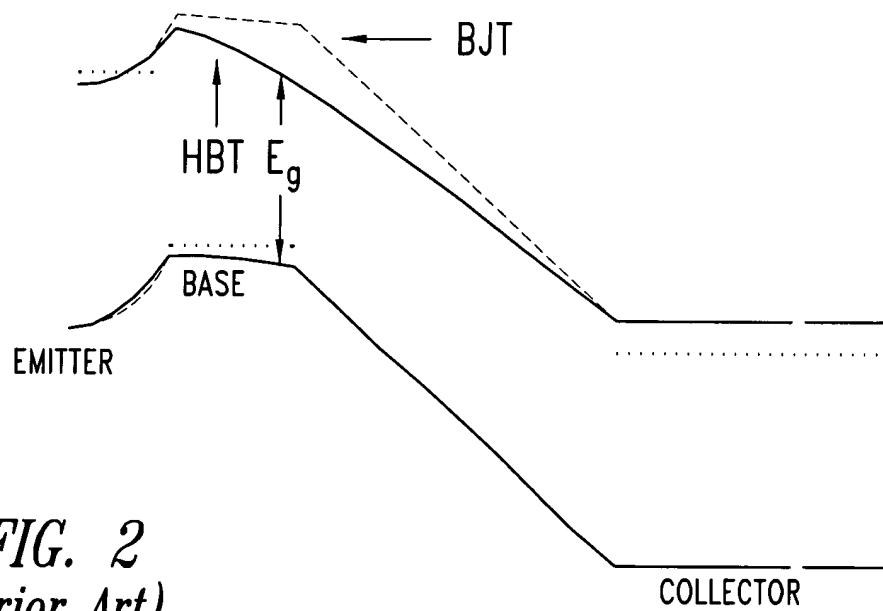
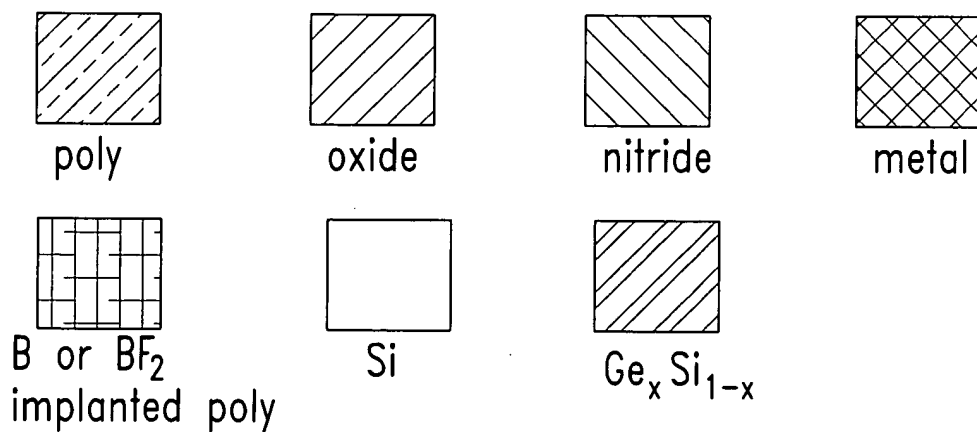
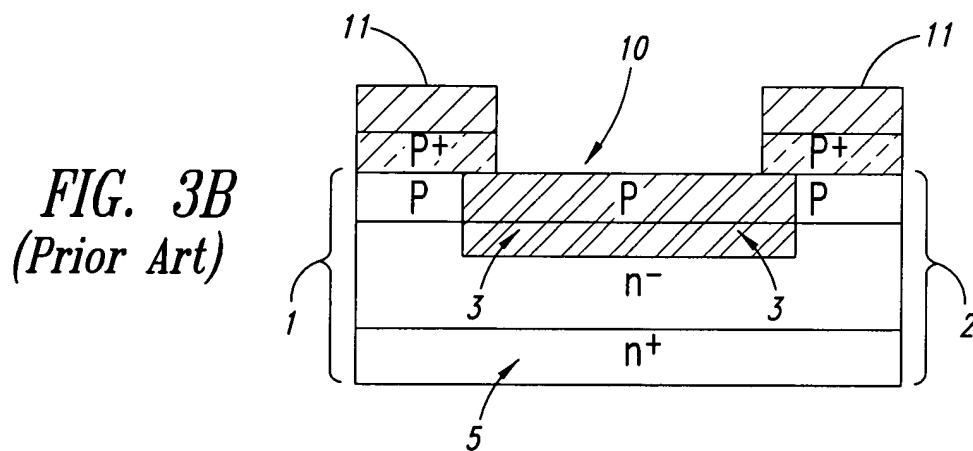
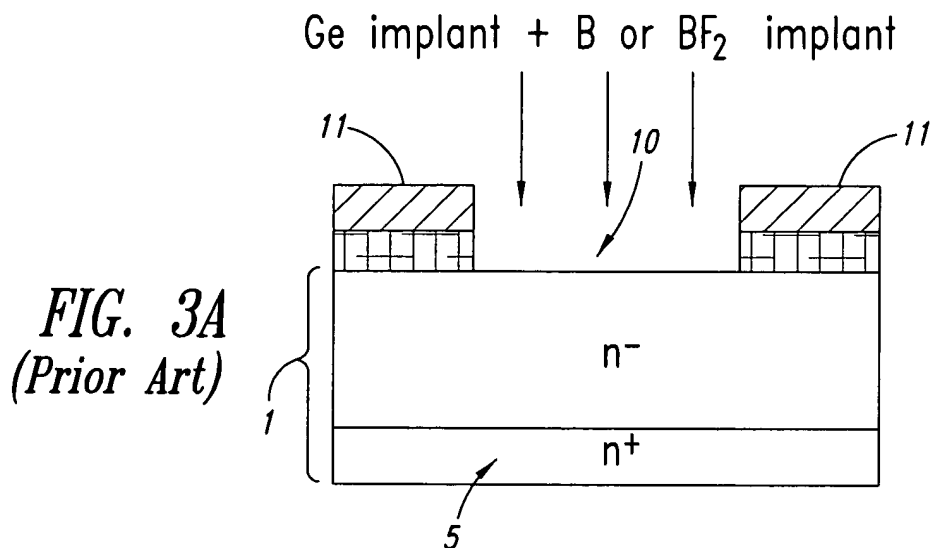
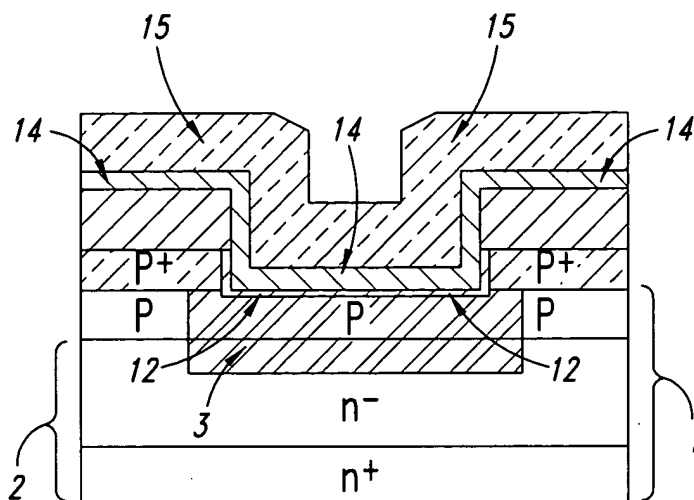


**FIG. 1**  
(Prior Art)

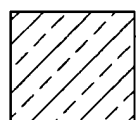
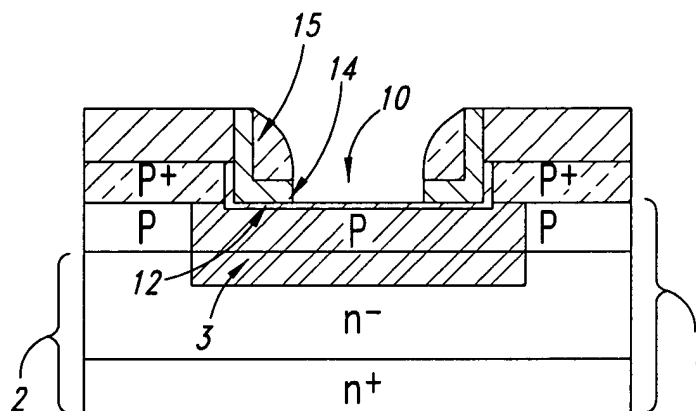




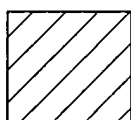
*FIG. 3C*  
*(Prior Art)*



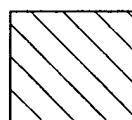
*FIG. 3D*  
*(Prior Art)*



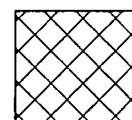
poly



oxide



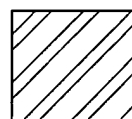
nitride



metal

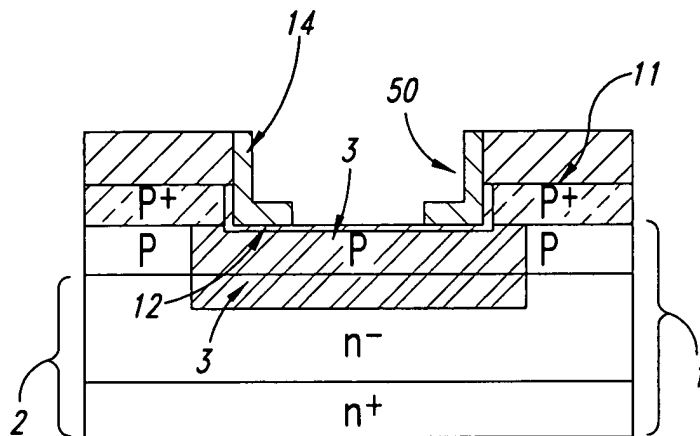


Si

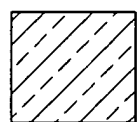
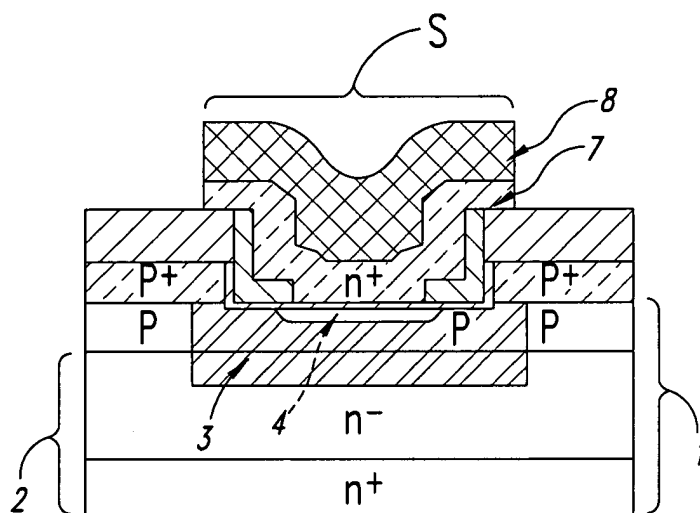


$\text{Ge}_x \text{Si}_{1-x}$

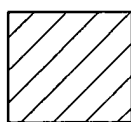
*FIG. 3E*  
 (Prior Art)



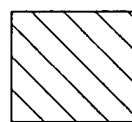
*FIG. 3F*  
 (Prior Art)



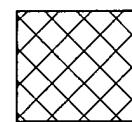
poly



oxide



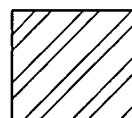
nitride



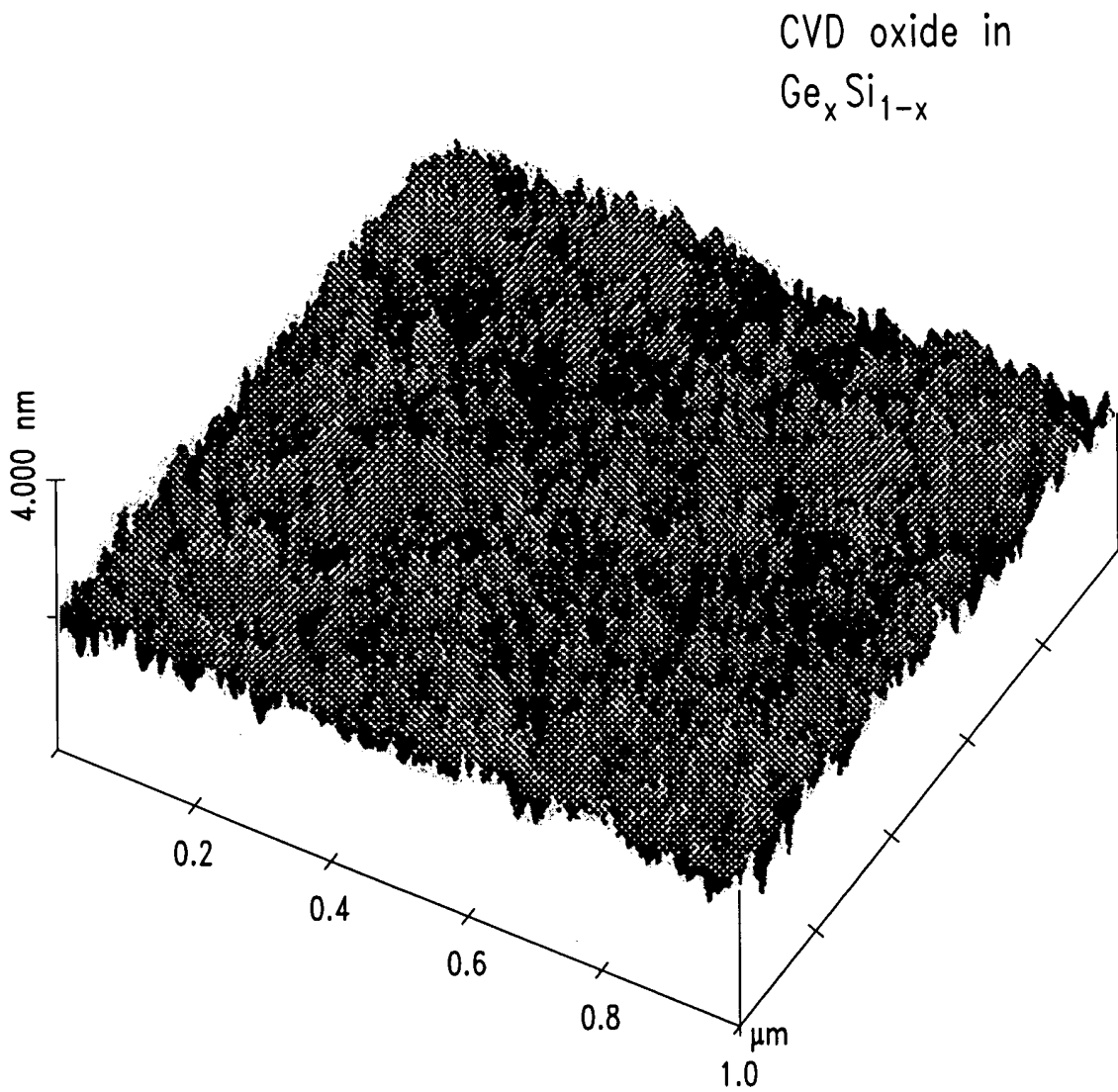
metal



Si



$\text{Ge}_x \text{Si}_{1-x}$



*FIG. 10*

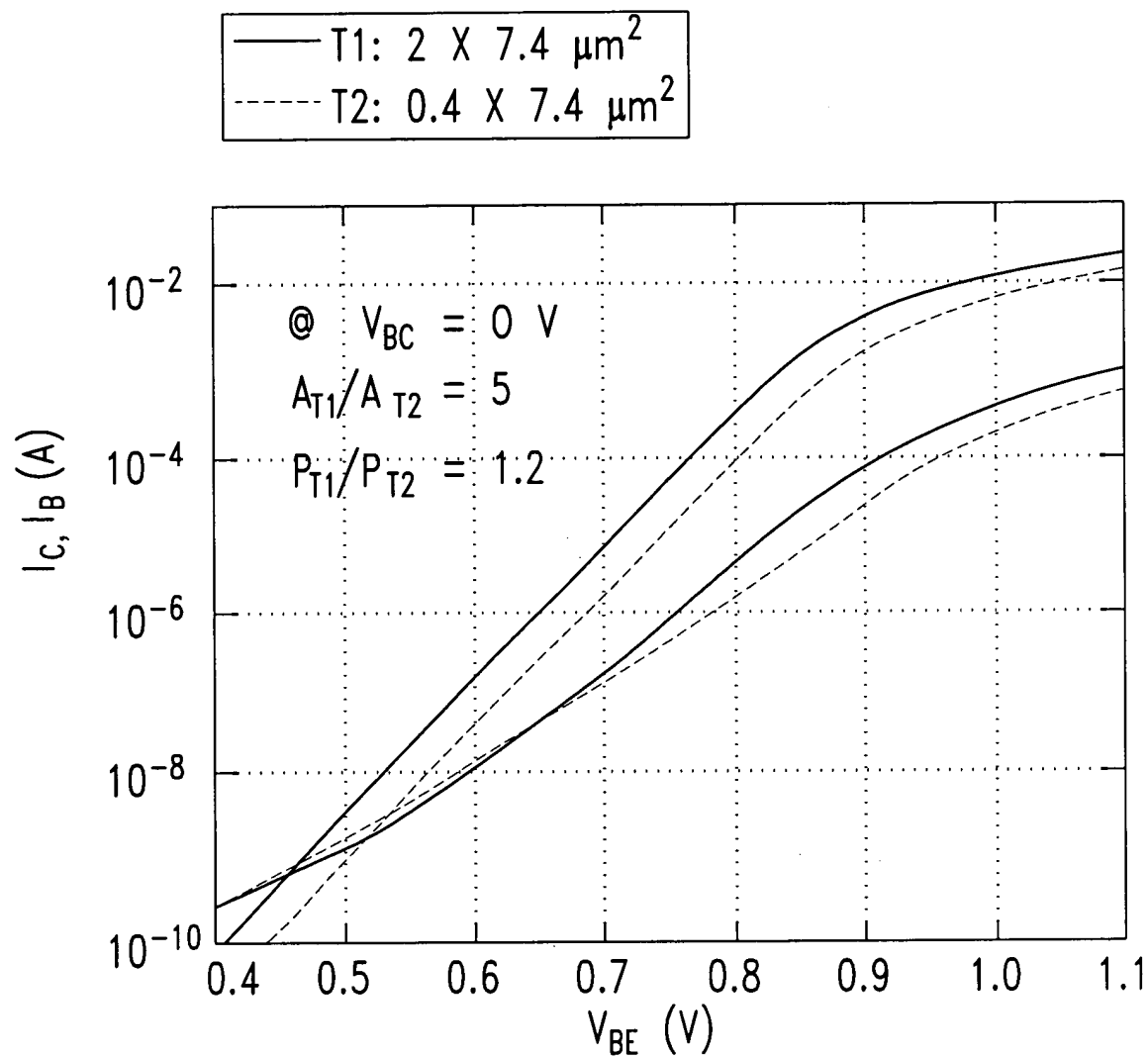
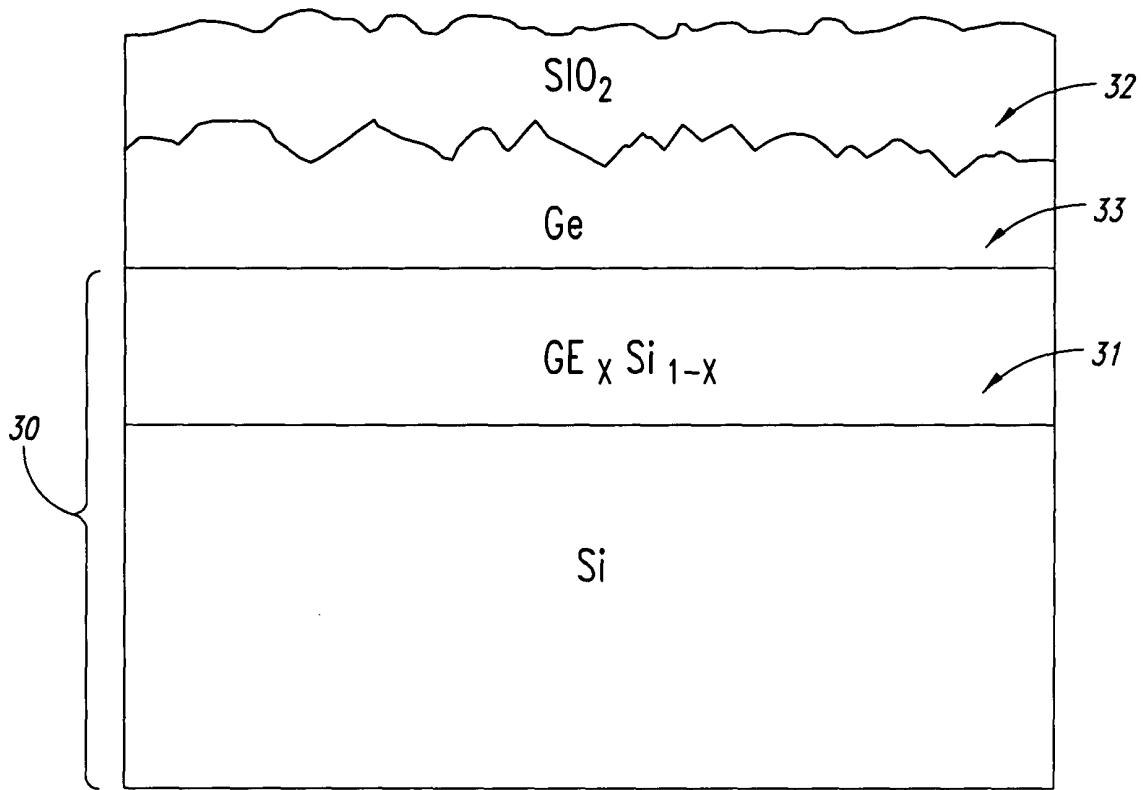
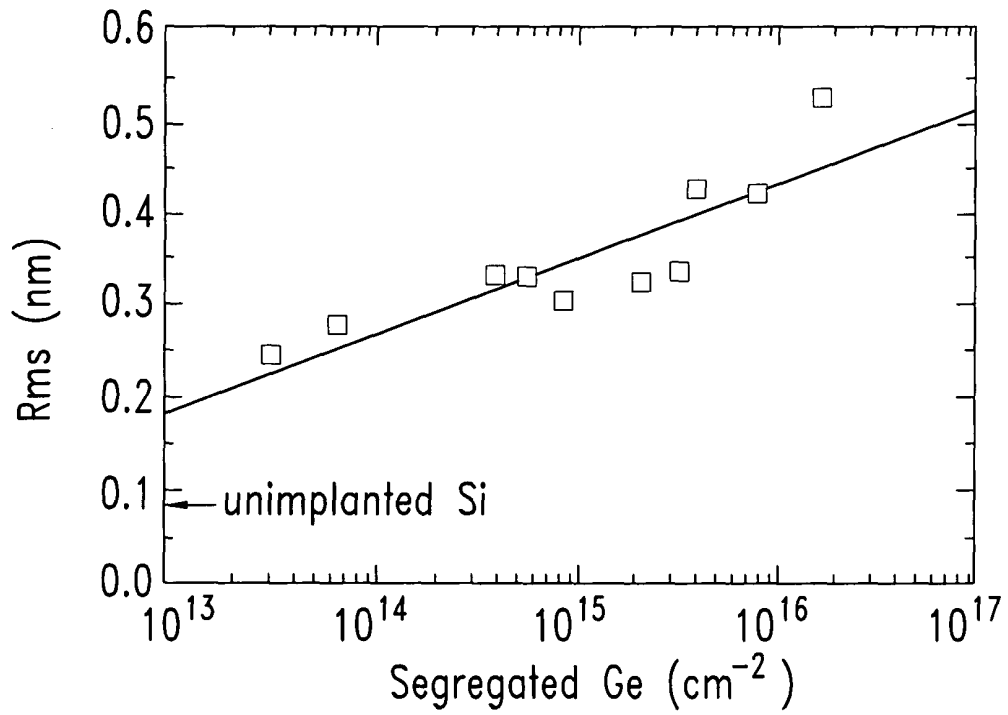


FIG. 4



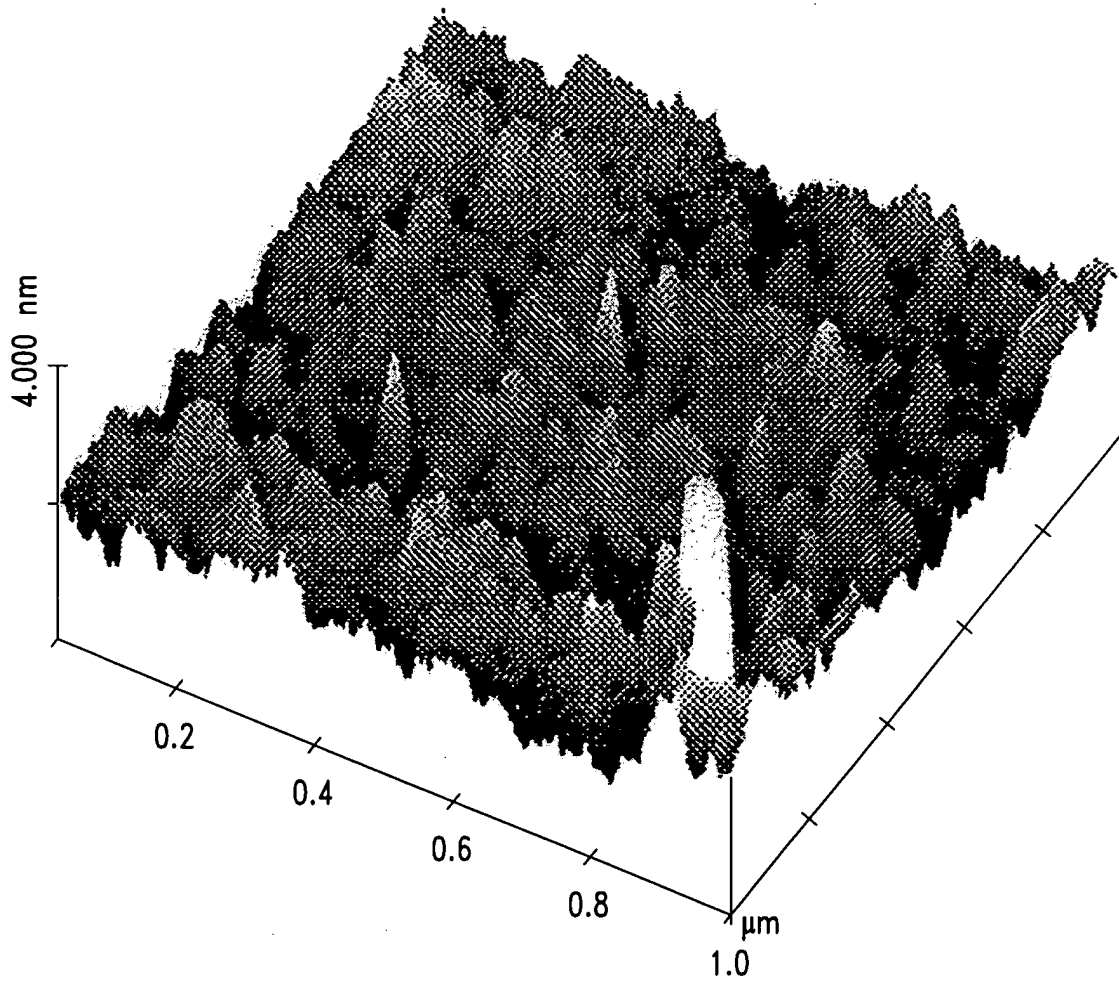
*FIG. 5*



*FIG. 7*

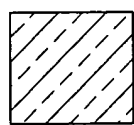
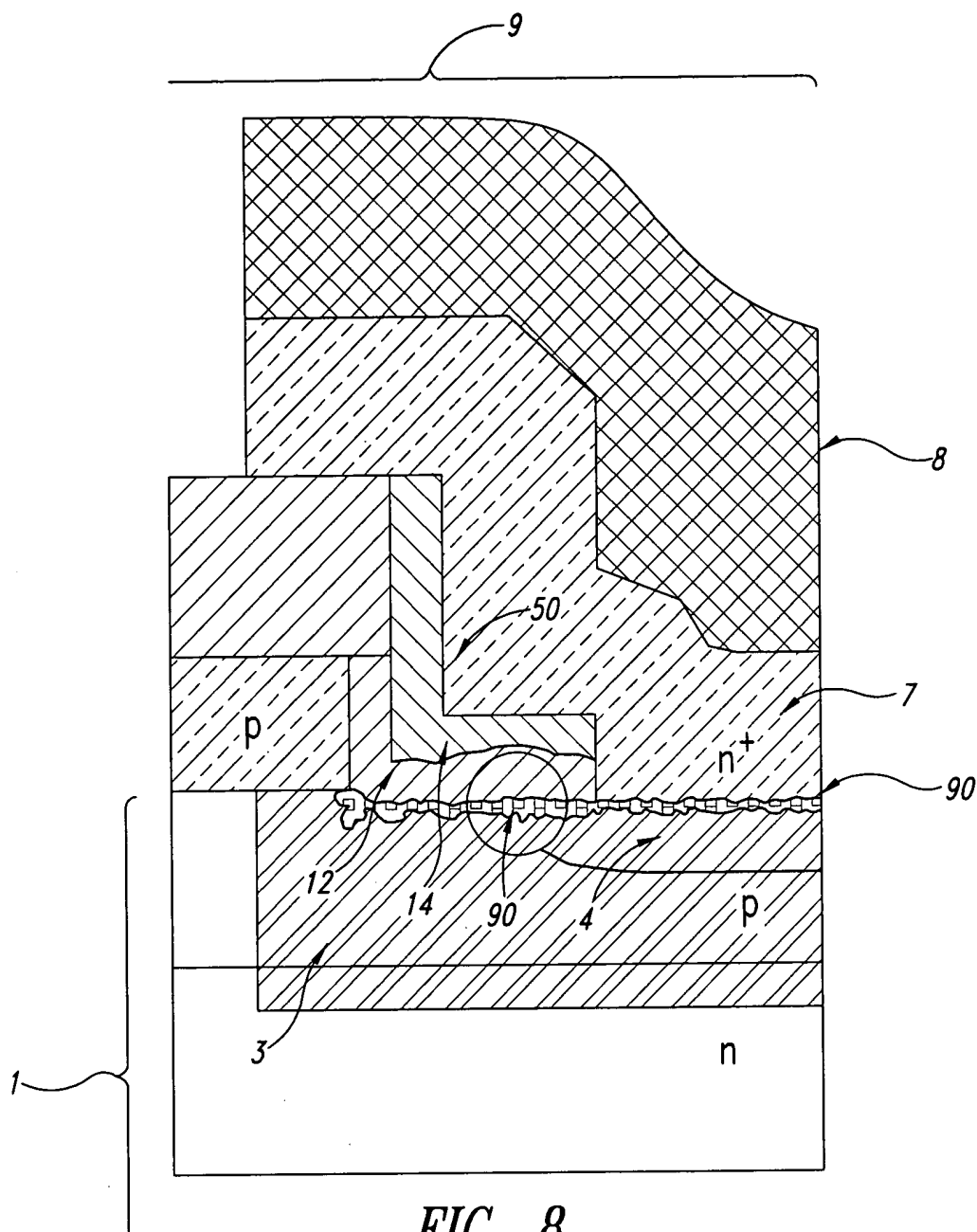


Thermal oxide in  
 $\text{Ge}_x\text{Si}_{1-x}$

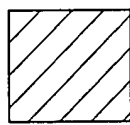


*FIG. 6*

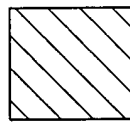
poly



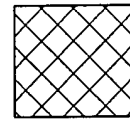
poly



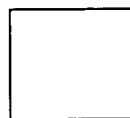
oxide



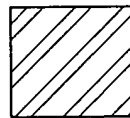
nitride



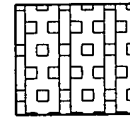
metal



Si



$\text{Ge}_x \text{Si}_{1-x}$



Ge

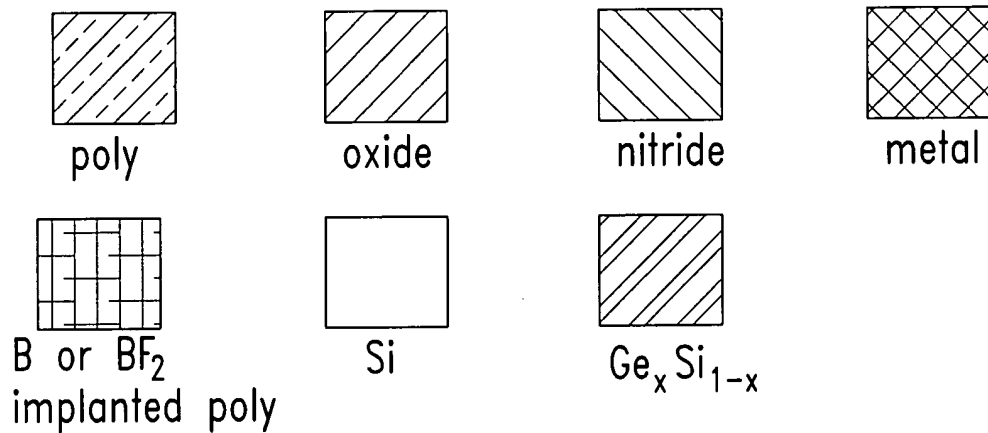
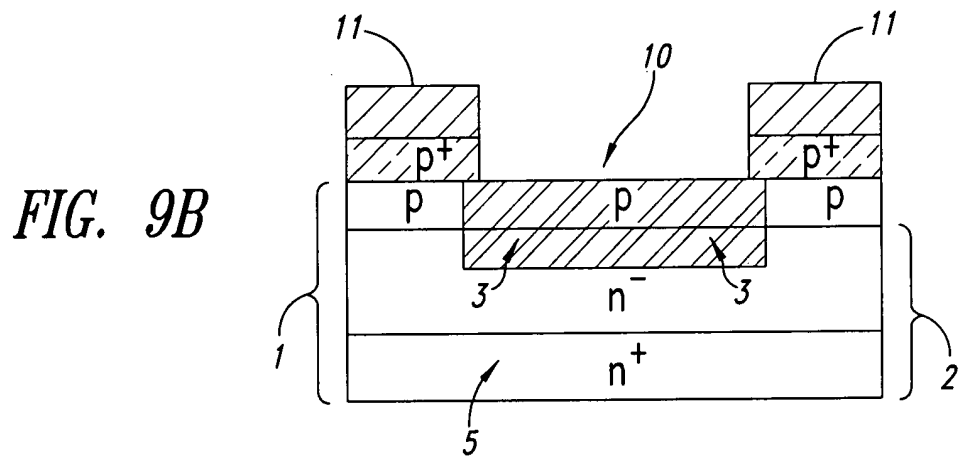
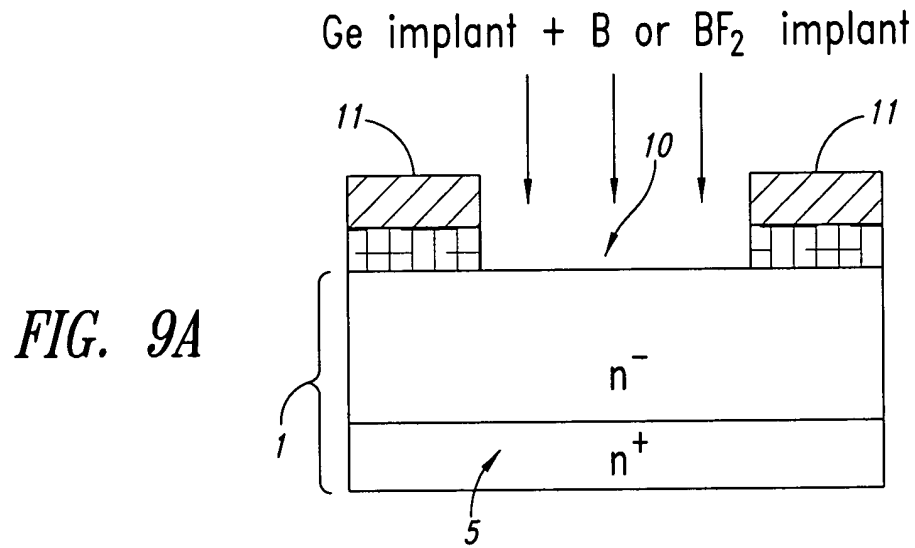


FIG. 9C

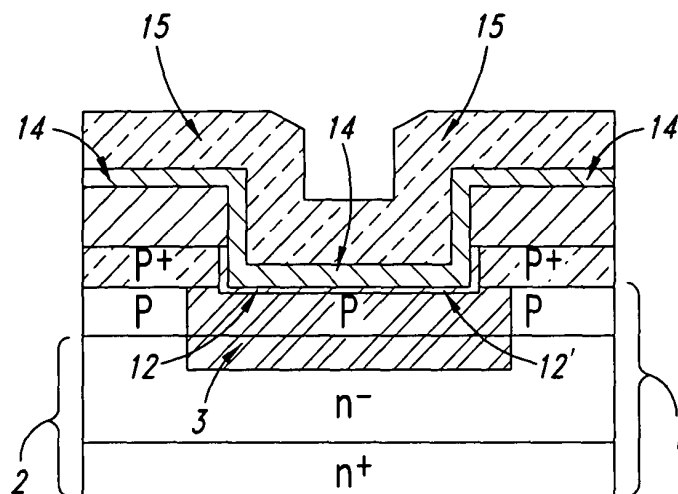
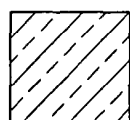
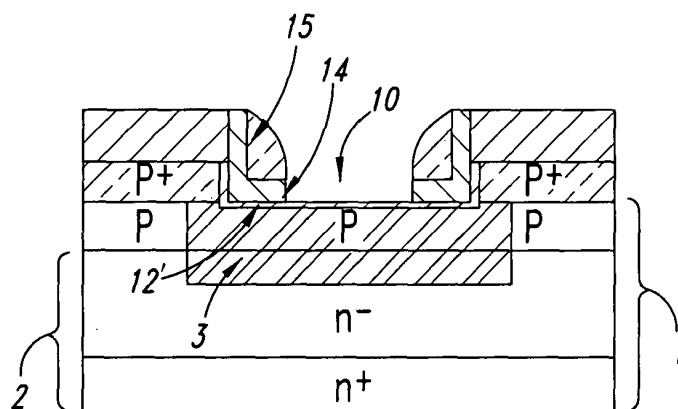
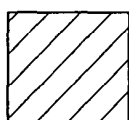


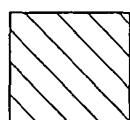
FIG. 9D



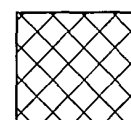
poly



oxide



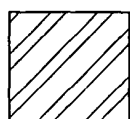
nitride



metal

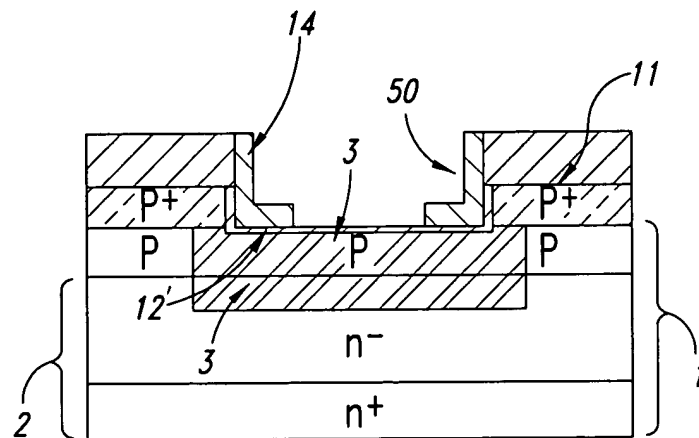


Si

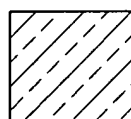
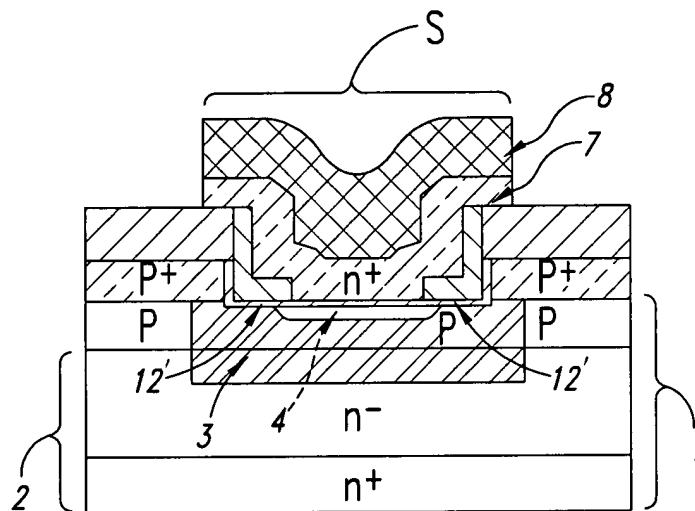


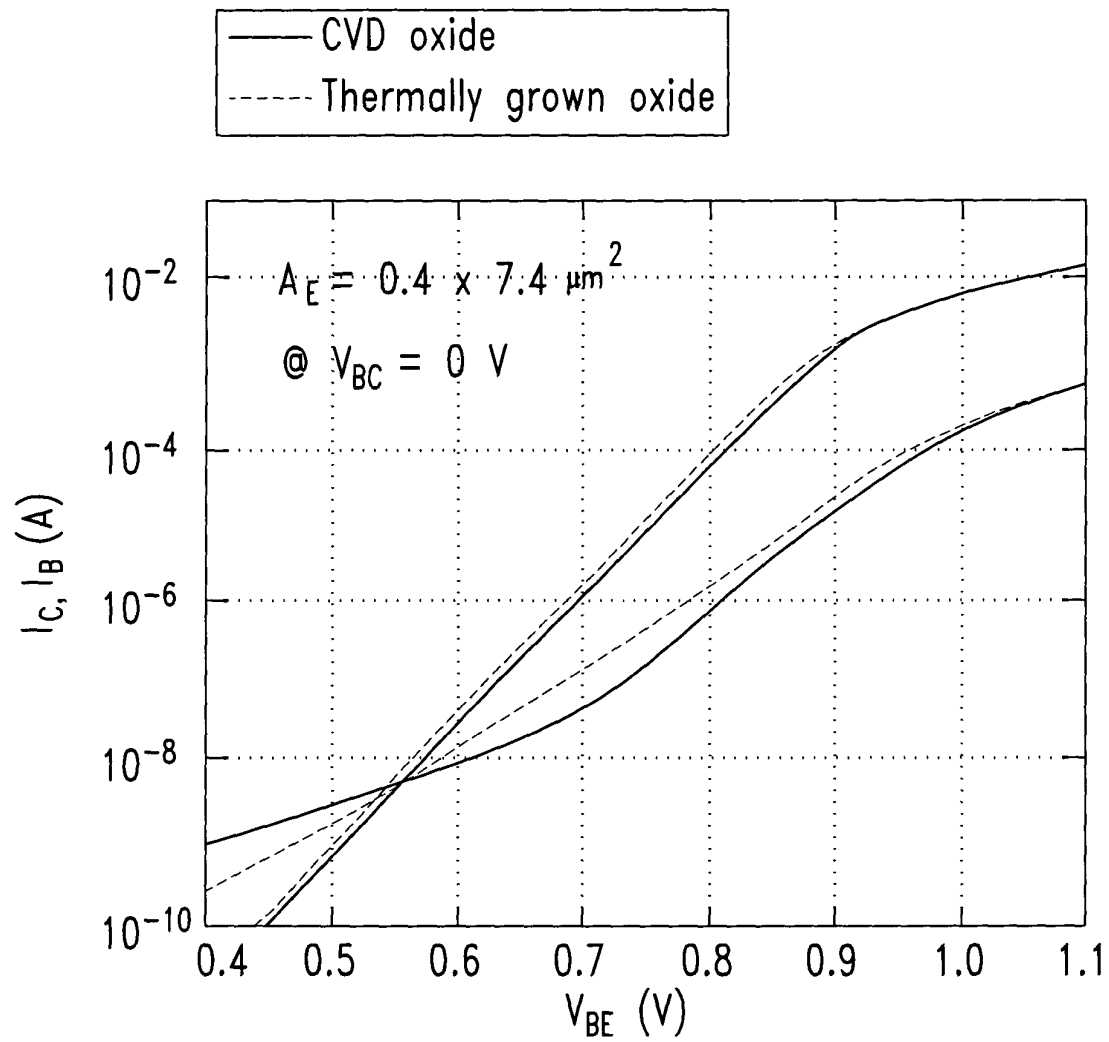
$\text{Ge}_x \text{Si}_{1-x}$

*FIG. 9E*

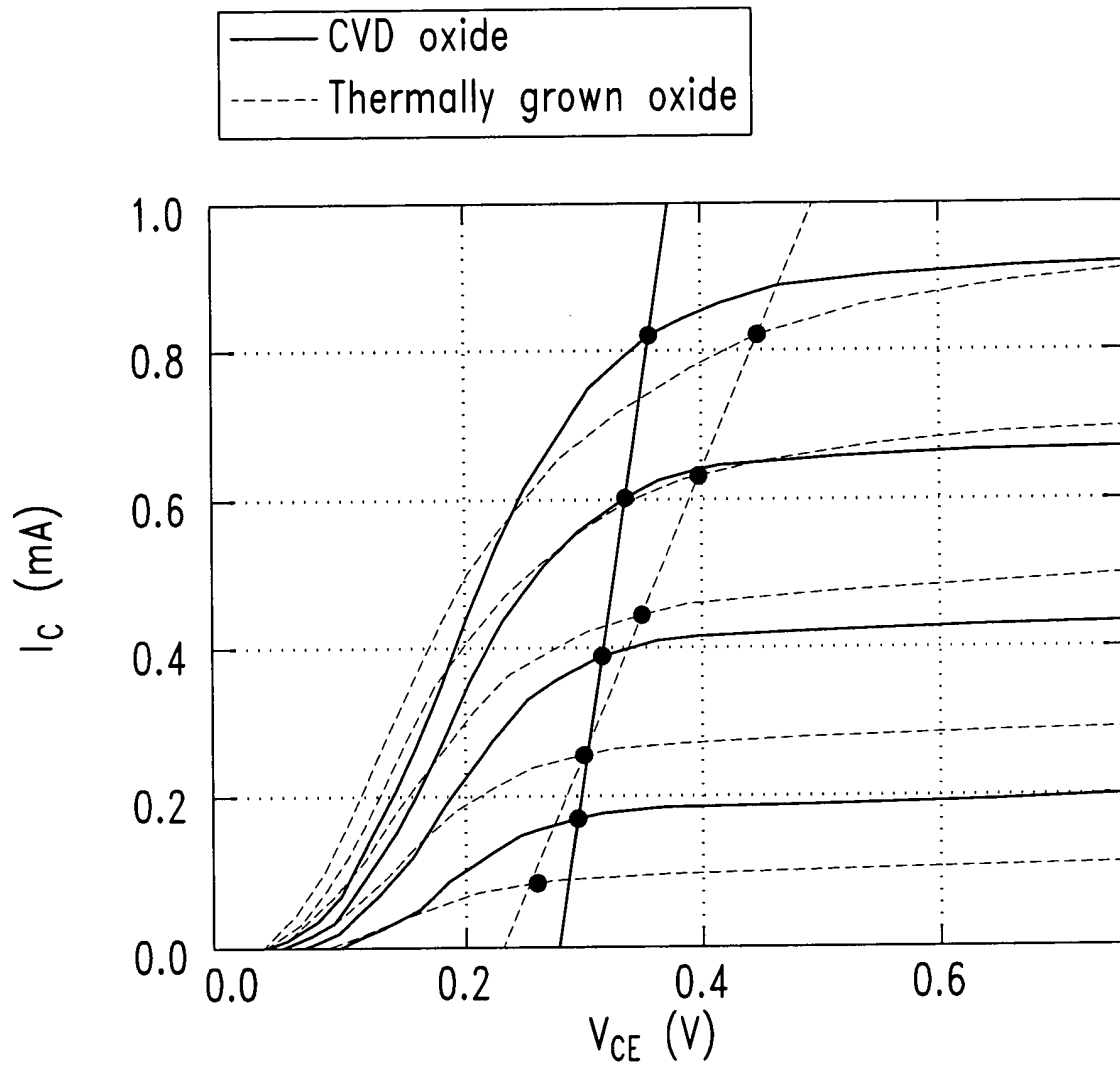


*FIG. 9F*

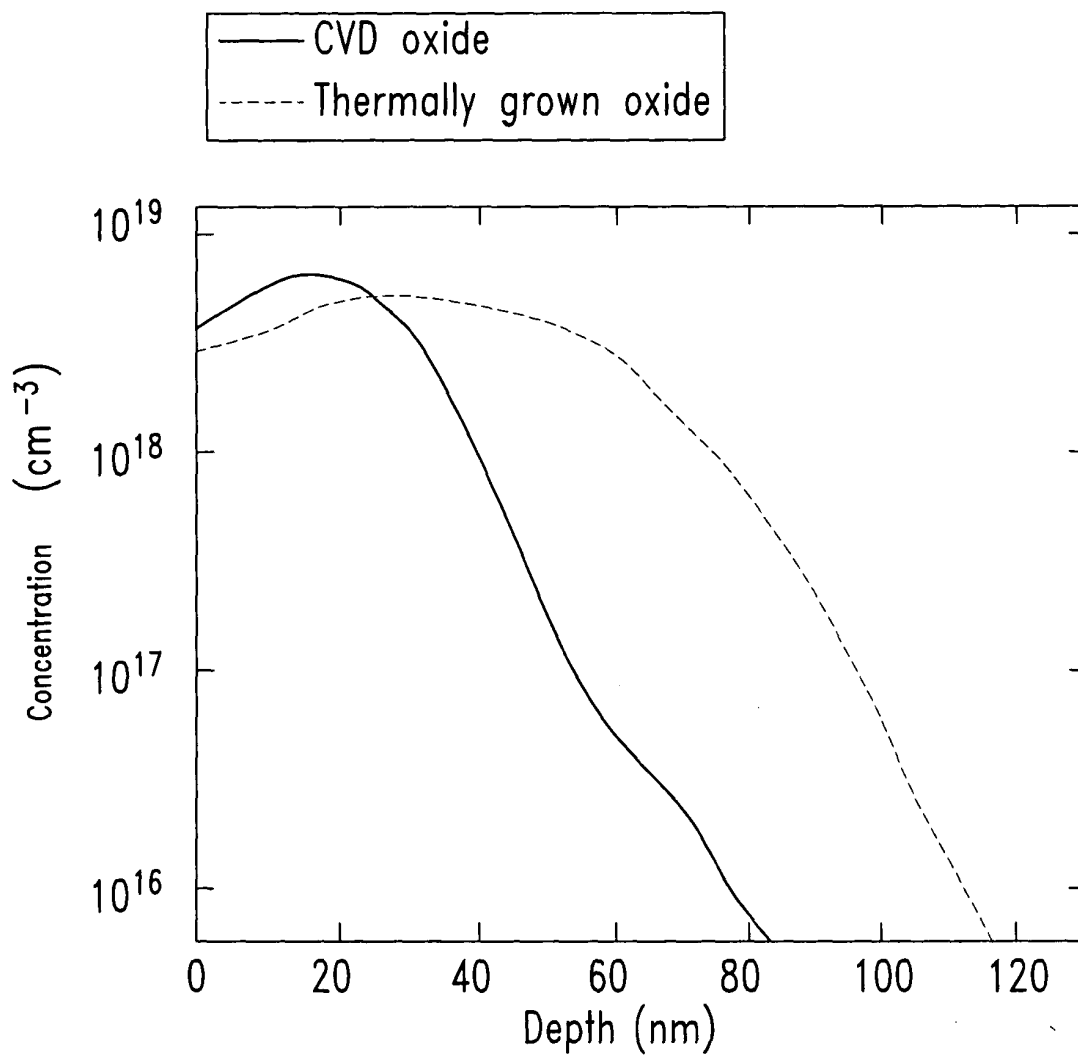




*FIG. 11*

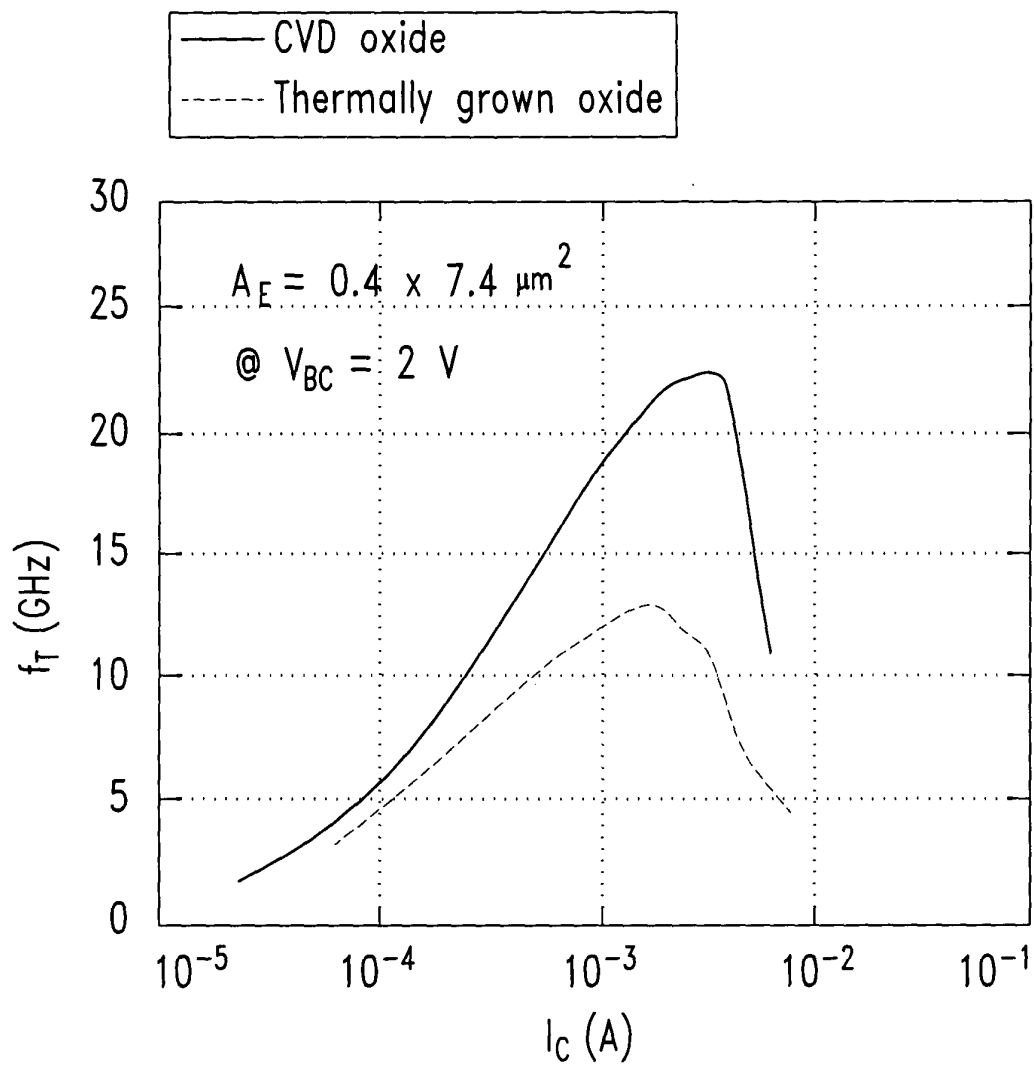


*FIG. 12*



*FIG. 13*





*FIG. 14*